Claims:

1.      A gateway system providing virtual area network dynamic protocol translation, the system comprising:

a computer network connection;

an association between a gateway interface with a dynamic virtual host performing protocol translation and a personal host computer in a virtual area network; and

a gateway, the gateway having at least one virtual host processing dynamic protocol translation and being in communication with the association, the protocol being transparent, the protocol translation provided to a personal host computer, the personal host computer being in communication with the gateway over the computer network connection.

2.      The system of claim 1, wherein the gateway comprises dynamic domain name services.

3.      The system of claim 1, further comprising multiple paths available to the gateway for routing between a gateway and a multi-homed host.

4.      The system of claim 1, further comprising a packet filter that detects objectionable content in incoming packets.

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5.    The system of claim 4, wherein the packet filter is configured to detect objectionable content in incoming packets and redirect packets having objectionable content.